

$S_5 \pmod{2}$

	blocks	defect	matrix
$2.G :$	1 2	4 2	8×2 4×1

Block 1:	$\varphi_{1,0}$	φ_{2+}	
$1_1 = \chi_{1,0}$	1	.	$\varphi_{1,0} = 1_1$ $\varphi_{2+} = 4_1$
$1_2 = \chi_{1,1}$	1	.	
$6_1 = \chi_{2+}$	2	1	
$5_1 = \chi_{5,0}$	1	1	
$5_2 = \chi_{5,1}$	1	1	
$4_3 = \chi_{6+}$.	1	
$6_2 = \chi_{9,0}$	2	1	
$6_3 = \chi_{9,1}$	2	1	

Block 2:	$\varphi_{4,0}$	
$4_1 = \chi_{4,0}$	1	$\varphi_{4,0} = 4_2$
$4_2 = \chi_{4,1}$	1	
$4_4 = \chi_{8,0}$	1	
$4_5 = \chi_{8,1}$	1	